

Title (en)

METHODS AND APPARATUSES FOR PROVIDING FREEZE RESISTANT SENSING ASSEMBLY

Title (de)

VERFAHREN UND VORRICHTUNGEN ZUR BEREITSTELLUNG EINER FROSTSICHEREN SENSORANORDNUNG

Title (fr)

MÉTHODE ET DISPOSITIFS POUR FOURNIR UN AGENCEMENT DE CAPTEURS À L'ÉPREUVE DU GEL

Publication

**EP 3825672 A1 20210526 (EN)**

Application

**EP 20207037 A 20201111**

Priority

US 201916689933 A 20191120

Abstract (en)

Methods and apparatuses related to freeze resistant sensing assemblies are provided. An example pressure sensing assembly may include: a first member defining an aperture, the aperture comprising an inner opening disposed on an inner surface of the first member and an outer opening disposed on an outer surface of the first member; a protection diaphragm disposed on the inner surface of the first member; and a sensing diaphragm disposed in a second member fastened to the first member.

IPC 8 full level

**G01L 19/00** (2006.01); **G01L 19/06** (2006.01); **G01L 19/14** (2006.01)

CPC (source: CN EP US)

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Citation (search report)

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- [A] WO 2018186107 A1 20181011 - SAGINOMIYA SEISAKUSHO INC [JP]
- [A] CN 110017939 A 20190716 - PETROCHINA CO LTD

Designated contracting state (EPC)

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Designated extension state (EPC)

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**EP 20207037 A 20201111**; CN 202011286567 A 20201117; CN 202311128509 A 20201117; EP 23195262 A 20201111; US 201916689933 A 20191120